

4-9155-9 #1

X-RAY ASSAY LABORATORIES LIMITED
1815 LESLIE STREET, DON MILLS, ONTARIO M3B 3J4
PHONE 416-445-5755 TELEX C6-986947

CERTIFICATE OF ANALYSIS

TO: DEPARTMENT OF ENERGY, MINES & RESOURCES
ATTN: DR. H.F. STEGER, COORDINATOR, CCRMP
CANMET, MINERAL SCIENCE LABORATORIES
555 BUCHAN STREET
OTTAWA, ONTARIO K1A 0G1

CUSTOMER NO. 380

DATE SUBMITTED
1-CCT-84

REPORT 22884

REF. FILE 18313-A3

FC: 210-131-000000-380101-0415
7 ALLOYS CONTRACT #05G84-CC172 RN: 23440-9-9155

WERE ANALYSED AS FOLLOWS:

	METHOD	DETECTION LIMIT
FE PPM	DCPA	1.000
FE PPM	DCPA	1.000
FE PPM	DCPA	1.000
FE PPM	DCPA	1.000
FE PPM	DCPA	1.000
CL %	DCPA	0.010
CL %	DCPA	0.010
CL %	DCPA	0.010
CL %	DCPA	0.010
CL %	DCPA	0.010
CC PPM	DCPA	1.000
CC PPM	DCPA	1.000
CC PPM	DCPA	1.000
CC PPM	DCPA	1.000
CC PPM	DCPA	1.000
SA PPM	DCPA	1.000
SA PPM	DCPA	1.000
SA PPM	DCPA	1.000
SA PPM	DCPA	1.000
SA PPM	DCPA	1.000
PE PPM	DCPA	1.000
PE PPM	DCPA	1.000
PE PPM	DCPA	1.000
PE PPM	DCPA	1.000
PE PPM	DCPA	1.000
AL %	DCPA	0.010
AL %	DCPA	0.010
AL %	DCPA	0.010
AL %	DCPA	0.010
AL %	DCPA	0.010

JUL 03 1984

MICROMEDIA

8PP

	METHOD	DETECTION LIMIT
MG PPM	DCPA	1.000
MG PPM	DCPA	1.000
MG PPM	DCPA	1.000
MG PPM	DCPA	1.000
MG PPM	DCPA	1.000

DATE 22-APR-85

X-RAY ASSAY LABORATORIES LIMITED

CERTIFIED BY

SAMPLE	FE PPM	FE PPM	FE PPM	FE PPM	FE PPM	CU %
NAZ-1	540	530	530	530	530	1.52
NAZ-2	232	232	232	233	234	3.22
NAZ-3	810	800	800	800	800	2.06
NAZ-4	310	310	310	310	310	2.60
NAZ-5	168	168	184	173	184	1.14
NAZ-6	117	116	114	112	115	3.27
NAZ-7	174	183	185	174	187	0.23

SAMPLE	CU %	CU %	CU %	CU %	CD PPM	CD PPM
NAZ-1	1.61	1.60	1.60	1.61	11	10
NAZ-2	3.17	3.15	3.18	3.14	55	55
NAZ-3	2.13	2.12	2.12	2.12	73	73
NAZ-4	2.63	2.64	2.63	2.64	32	32
NAZ-5	1.11	1.12	1.11	1.11	103	102
NAZ-6	3.41	3.39	3.39	3.38	160	161
NAZ-7	0.24	0.24	0.24	0.24	<1	<1

SAMPLE	CD PPM	CD PPM	CD PPM	SN PPM	SN PPM	SN PPM
NAZ-1	9	10	9	51	51	52
NAZ-2	54	54	55	27	27	29
NAZ-3	74	74	74	14	14	14
NAZ-4	32	31	32	71	70	73
NAZ-5	102	102	102	1	1	1
NAZ-6	162	161	161	42	42	42
NAZ-7	<1	<1	<1	96	96	96

SAMPLE	SN PPM	SN PPM	PB PPM	PE PPM	PE PPM	PB PPM
NAZ-1	51	52	32	32	32	32
NAZ-2	28	29	89	89	89	88
NAZ-3	13	14	49	48	47	49
NAZ-4	72	71	112	112	111	111
NAZ-5	1	1	10	11	10	10
NAZ-6	42	41	840	840	830	840
NAZ-7	95	95	148	147	148	148

SAMPLE	PB PPM	AL %	AL %	AL %	AL %	AL %
NAZ-1	32	28.3	27.9	28.0	27.8	28.0
NAZ-2	89	24.0	23.7	23.7	23.9	23.5
NAZ-3	49	25.9	25.6	25.6	25.5	25.6
NAZ-4	112	26.3	26.1	26.2	26.4	26.1
NAZ-5	11	10.7	10.8	10.9	10.8	10.8
NAZ-6	82C	7.65	7.82	7.75	7.72	7.67
NAZ-7	147	13.1	12.7	12.7	12.8	12.4

SAMPLE	MG PPM	MG PPM	MG PPM	MG PPM	MG PPM
AAZ-1	223	228	226	228	236
AAZ-2	360	360	350	350	350
AAZ-3	56	56	55	57	57
AAZ-4	121	121	121	118	123
AAZ-5	225	225	226	229	232
AAZ-6	2	2	2	2	2
AAZ-7	570	570	560	560	560

POOR

QUALITY

ORIGINAL